Historic, Archive Document

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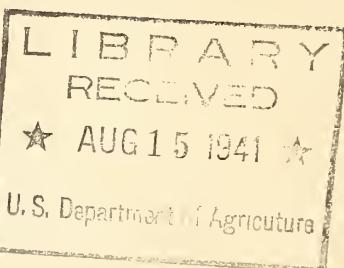scientific knowledge, policies, or practices.

LOCAL VOLUME TABLE [1]

for

RED OAK

(Quercus borealis)

in Holmes County, Ohio

INTERNATIONAL Rule ($\frac{1}{4}$" kerf)

Merchantable Stem to a Variable Top Diameter

Diameter breast high outside bark (inches)	Volume per tree	Average merchant-able length	Basis in trees	Diameter breast high outside bark (inches)	Volume per tree	Average merchant-able length	Basis in trees
	Board feet	Feet	Number		Board feet	Feet	Number
7	7	10.5	1				
8	19	18.5	2				
9	35	24.5	1				
10	58	29.5	2	25	710	60	3
11	80	33.5	4	26	780	61	2
12	103	36.5	3	27	853	61.5	4
13	130	39.5	6	28	929	62	4
14	160	42	5	29	1009	62	-
15	194	44.5	3	30	1092	62.5	4
16	231	46.5	1	31	1178	62.5	2
17	271	48.5	3	32	1267	62.5	7
18	314	50.5	2	33	1360	63	2
19	361	52.5	2	34	1456	63	3
20	411	54	1	35	1556	63	3
21	464	55.5	5	36	1659	63	3
22	520	57	4	37	1765	63	1
23	580	58	5	38	1874	63	2
24	643	59	4	39	1987	63	1

[1] Trees climbed and measured by personnel of Work Projects Administration Official Project 65-1-42-166 - "the Ohio Woodland Survey." Measurements taken at 12.3-foot log lengths above a 1.0-foot stump height. Scaled as 12-foot logs, and additional shorter top logs; top sections less than 8 feet in length scaled as fractions of an 8-foot log. Basis, 95 trees.

Table prepared, in 1941, by curving volume of merchantable length over d.b.h.

Aggregate difference: table is 0.20% low. Average percentage deviation of basic data from table, 13.5%.

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